

Title (en)

SYSTEM AND METHOD FOR MONITORING THE OPERATION OF ONE OR MORE TRUCKS

Title (de)

SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG DES BETRIEBS EINES ODER MEHRERER LASTKRAFTWAGEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE DE FONCTIONNEMENT D'AU MOINS UN CAMION

Publication

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Application

EP 21920155 A 20211217

Priority

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Abstract (en)

[origin: WO2022155701A1] There is disclosed a system for monitoring the operation of one or more trucks, characterized in that it comprises: at least one truck with a tray; an inertial measurement unit (IMU) arranged on a first surface of the tray, configured to characterize the movement of the tray, obtaining real-time movement data of the tray; a location sensor configured to track the location of the tray, obtaining real-time location data of the tray; at least one processing unit configured to process the movement and location data, obtaining processed data; at least one server configured to receive the real-time movement and location data and/or the processed data; at least one communication unit configured to communicate the real-time movement and location data and/or the processed data from the at least one truck to the at least one server; and a display interface configured to display the real-time movement and location data and/or the processed data to a user wherein the at least one server is further configured to obtain truck operation information from the real-time movement and location data and/or the processed data, said operation information including at least one or a combination of truck status information, truck payload information, truck travel information, truck efficiency information, truck cycle information and truck availability information; and wherein the display interface is further configured to display said truck operation information.

IPC 8 full level

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